CEVE 480 – Senior Design General Syllabus and Schedule – Spring 2015 – 3-5 PM, ML 251

Date 2015	Week No.	TOPIC Completion of assignments is important to your grade for the class. All assignments are to be emailed on Friday of the week assigned
Jan 15 **CMP OUT**	**1**	**Discussion**. Review Project ***Workshop*** **:** Environmental Workplan/data needed for design **Assignment**: Prepare a Narrative that fully describes the portion of the project you are responsible for providing. This is an individual effort. Prepare SI work plan (team effort).
Jan 22	**2**	***[Team Meeting]*** There will be team meetings the first 15 minutes of class to allow for collaboration time. Take notes to include in final project report.→ ***Assignment Review***: **Discussion:** Finalization of project scope and work assignments, Utility Design, pavement Design ***Workshop*** **:** Develop base drawings, site investigation report elements **Assignment**: develop final site plans and streetscape plans and site investigation report.
Jan 29	**3**	***[Team Meeting]*** → ***Assignment Review***: ***Discussion – Environmental Remediation –*** *Discussion on the remediation process and evaluation of remedial alternatives.* ***Workshop****: determine the impact of the environmental remediation on the plan and schedule.* **Assignment**: Prepare remedial alternatives evaluation.
Feb 5	**4**	***[Team Meeting]*** → ***Assignment Review***: Teams present their environmental remediation alternatives to the class for discussion. **Assignment**: Discuss environmental remediation conceptual design possibilities. Document plan. Review floor plans and column layout in preparation for structural presentation. Prepare schematic design presentation and environmental conceptual design.
Feb 12	**5**	**Schematic Design Presentation *(Bissonnet Street)*** ***Assignment*** – Revise street plan per comments during presentation. Document plan. Review floor plans and column layout in preparation for structural presentation.
Feb 19	**6**	**Schematic Design Presentation (Three Development Sites)** **Assignment:** Prepare updated site plans based on comments. Prepare final remedial design.
Feb 26	**7**	***Team Meeting]*** → **Discussion:** Structural Design. ***Workshop*****:** Develop structural elements **Assignment:** USGBC sustainability research – Determine the applicable program and fill out the check list (*www.usgbc.org*). Complete LEED point write up
Feb 28-Mar 8		Spring Break
Mar 12	**8**	***Class held at Walter P Moore – 1301 McKinney, 11th Floor*** ***[Team Meeting]*** → ***Workshop:*** *Structural, parking, traffic and civil design aid for project by WPM Staff* ***Assignment:*** Develop report outline.
Mar 19	**9**	***[Team Meeting]*** → ***Discussion****:* Plan and Profile drawings and site plans ***Assignment***: Prepare site plans and plan and profile drawings for review and coordination. Develop plans/drawings for environmental remediation.
Mar 26	**10**	***[Team Meeting]*** ***Assignment Review:*** ***Discussion****:* Quantities, details and specifications ***Workshop*** *– Develop cost estimates* ***Assignment****: Prepare Final Presentation and* ***submit*** *final report draft for review.* Prepare cost estimate for environmental remediation.
Apr 2		**Mid-term Break – no classes**
Apr 9 **CMP out**	**11**	***[Team Meeting]*** → ***Workshop****:* Environmental Team *review of findings and coordination of remediation and project building and street plans* ***Assignment***: → Prepare for final presentations
Apr 17	**12**	**Final Project Presentations**: Panel of Reviewers
April 23	**13**	**Final Project Presentations**: Panel of Reviewers ***Final Reports due***

Any student with a documented disability seeking academic adjustments or accommodations is requested to speak with us during the first two weeks of class. All such discussions will remain as confidential as possible. Students with disabilities will need to also contact Disability Support Services in the Ley Student Center.

Rice University
Senior Design CEVE 480 Spring 2015
Environmental Remediation Program

Date	Class Discussion	Assignment Issued	Assignment Due
15-Jan	Data needed for Site Investigation (SI).	Site Investigation (SI) Workplan.	
22-Jan	Elements of a site investigation report.	Site Investigation Report.	SI Workplan.
29-Jan	Environmental alternatives evaluation.	Remedial alternatives evaluation.	Site Investigation Report.
5-Feb	Elements of a conceptual design.	Conceptual design.	Remedial alternatives evaluation.
12-Feb	Integration of design with other project elements.		
19-Feb	Elements of a final remedial design.	Final remediation design.	Conceptual design.
26-Feb	Open		
5-Mar	No class.		
12-Mar	Final report discussion.		Final remediation design.
19-Mar	Remediation cost estimation.	Environmental plans/drawings.	
26-Mar	Final report revisions.	Remediation cost estimate.	Environmental plans/drawings.
2-Apr	No class.		
9-Apr	Env team findings.		Remediation cost estimate.
16-Apr	Presentations.		
23-Apr	Presentations.		